

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000251

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ F16H55/08, F16H19/04, B62D3/12, B62D5/04, B62D5/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ B62D3/12, F16H19/00-37/16, F16H51/00-55/30, B62D5/00-5/32

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-211535 A (Kayaba Industry Co., Ltd.), 02 August, 2000 (02.08.00), Par. Nos. [0007], [0014]; Fig. 1 (Family: none)	1-4
A	JP 56-31551 A (Honda Motor Co., Ltd.), 30 March, 1981 (30.03.81), Full text; Fig. 5	1-4
A	JP 9-133187 A (Aisin AI Co., Ltd.), 20 May, 1997 (20.05.97), Par. Nos. [0031] to [0036]; Fig. 1 (Family: none)	2-4

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel, or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
24 March, 2005 (24.03.05)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 63-180766 A (Toyota Motor Corp.), 25 July, 1988 (25.07.88), Page 2, upper left column, line 16 to page 2, upper right column, line 15; Fig. 8(d) (Family: none)	2-4
A	JP 51-82851 A (William S. Ruberoll), 20 July, 1976 (20.07.76), Page 7, upper right column, lines 7 to 14	1-4
A	JP 2001-163228 A (Honda Motor Co., Ltd.), 19 June, 2001 (19.06.01), Par. Nos. [0011] to [0014]; Fig. 1	4
A	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 003072/1981 (Laid-open No. 116574/1982) (Toyota Motor Co., Ltd.), 19 July, 1982 (19.07.82), Full descriptions; Figs. 1 to 3 (Family: none)	1-4

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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JP 56-31551 A	1981.03.30	US 4382389 A GB 2060124 A DE 3031460 A1 FR 2463878 A1
JP 51-82851 A	1976.07.20	US 3937098 A GB 1509570 A DE 2554404 A1 FR 2293642 A1 BE 0835889 A IT 1053031 B
JP 2001-163228 A	2001.06.19	US 6390230 B1 GB 2354988 A GB 2354989 A DE 10049548 A1 DE 10049570 A1

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